

## **Abstract**

This invention concerns a method of immobilizing a polymer hydrogel on the surface of a  
5 corresponding polymer substrate, and a polymer substrate that has a polymer hydrogel layer  
immobilized, at least in areas, on its surface. The invention has applications particularly as a  
biocompatible hydrogel coating in the field of medical technology, for example as a coating  
for surfaces coming in contact with blood, as in hemodialysis, and as a coating for urinary  
catheters, venous catheters, stents and other surfaces.

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